MARINE ECOLOGY
PROGRESS SERIES
Volume 53 (1989)

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Inter-Research
1989

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Resistance to stress including pollution; regulation; adaptation

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Behavioral physiology of fish; feeding; predation of fish larvae

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Comparative physiology

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Metabolic performance of invertebrates; reproductive biology and sexuality

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Developmental physiology; endocrinology

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Environmental zoo-physiology; behavior; biological rhythms

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Osmoregulation in estuarine invertebrates

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Ecophysiology and toxicology of algae; cellular biology; behavior of algae

Zhirmunsky, A. V., Prof.
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Mechanisms of cellular resistance and control

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Nutrition of invertebrates

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DYNAMICS

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Population biology; microbial ecology

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Dynamics of nearshore ecosystems

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OCEAN MANAGEMENT

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Pollution effects on zooplankton; radioecology

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Toxicology and stress responses in invertebrates

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Radioactive pollution

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Management of wadden-sea areas

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